

INTERNATIONAL SEARCH REPORT

Intern. Application No.

PCT/CN 3/00032

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07C255/41 C07C309/73 A61K31/165

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BEILSTEIN Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01 79158 A (GRUNBERGER THOMAS ; DEMIN PETER (CA); ROIFMAN CHAIM M (CA); ROUNOVA) 25 October 2001 (2001-10-25) cited in the application the whole document ---	1-19
A	US 5 789 427 A (GAZIT AVIV ET AL) 4 August 1998 (1998-08-04) cited in the application	20-29
Y	column 5, line 4 - line 24 column 43, line 18 - line 30 table I, col. 11; table VI, col. 39; fig. 2b; fig. 2d; fig. 3g, M26; fig. 3h, M30-M31; fig. 3i, M32-M34 column 43, line 55 - column 44, line 13 --- -/--	25-37



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

15 April 2003

Date of mailing of the international search report

13/05/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Seelmann, M

INTERNATIONAL SEARCH REPORT

International Application No

PCT/CN/03/00032

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 632 895 A (PATEL RANJANA C ET AL) 30 December 1986 (1986-12-30) table, col.26 example 12 ---	20-29
X	US 3 718 472 A (OLIVER G ET AL) 27 February 1973 (1973-02-27)	20-24
Y	column 6, line 1 - line 10; claims 1,8; example 5 ---	25-37
A	US 4 617 373 A (PRUETT WAYNE P ET AL) 14 October 1986 (1986-10-14) column 57 -column 61; table 9 ---	1-12, 20-29
A	DATABASE CAPLUS 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; Database accession no. 116:173723 XP002238445 abstract & QI ZHONG ET AL.: "Catalytic synthesis of alpha-cyano, beta-unsaturated sulfones in the presence of organotellurium oxide" CHINESE CHEMICAL LETTERS, vol. 2, no. 9, 1991, pages 683-684, ---	20-29
Y	SCHRÖDER E ET AL: "Arzneimittelchemie passage" ARZNEIMITTELCHÉMIE GRUNDLAGEN NERVEN, MUSKELN UND GEWEBE, XX, XX, 1976, pages 30-33, XP002186820 page 32 -----	25-37

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CA 03/00032**Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)**

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

Although claims 17-19 and 35-37 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of these compositions.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

on patent family members

Intern. Application No

PCT/03/00032

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0179158	A	25-10-2001	AU 4820101 A WO 0179158 A2 EP 1272457 A2 GB 2378948 A	30-10-2001 25-10-2001 08-01-2003 26-02-2003
US 5789427	A	04-08-1998	US 5773476 A US 2002068687 A1 AU 2096895 A WO 9524190 A2	30-06-1998 06-06-2002 25-09-1995 14-09-1995
US 4632895	A	30-12-1986	CA 1264594 A1 DE 3569302 D1 EP 0175504 A2 JP 1823222 C JP 5033779 B JP 61069064 A CA 1263048 A1	23-01-1990 11-05-1989 26-03-1986 10-02-1994 20-05-1993 09-04-1986 21-11-1989
US 3718472	A	27-02-1973	BE 780011 A1	16-06-1972
US 4617373	A	14-10-1986	AU 579923 B2 AU 5513686 A CA 1282528 A1 CN 86101649 A , B DE 3667990 D1 EP 0215054 A1 JP 7116281 B JP 62501856 T KR 9104880 B1 TR 22552 A WO 8604904 A1 AU 579233 B2 AU 5544986 A CA 1261532 A1 CN 86101561 A , B DE 3670852 D1 EP 0217823 A1 ES 8707994 A1 ES 8707995 A1 JP 7033436 B JP 62501857 T KR 9104934 B1 TR 22945 A WO 8604903 A1 US 4617374 A ZA 8601129 A ZA 8601130 A	15-12-1988 10-09-1986 02-04-1991 21-01-1987 08-02-1990 25-03-1987 13-12-1995 23-07-1987 15-07-1991 22-10-1987 28-08-1986 17-11-1988 10-09-1986 26-09-1989 25-02-1987 07-06-1990 15-04-1987 16-11-1987 16-11-1987 12-04-1995 23-07-1987 18-07-1991 08-12-1988 28-08-1986 14-10-1986 29-10-1986 24-09-1986